Electronic and Electrical Engineering with International Study

University of Strathclyde

Content

Electronic & electrical engineering is at the heart of everything we do - from renewable energy and smart grids, to high-speed fibre-optic broadband, digital sound and vision, and internet security.

Electronic & electrical engineers are the people who design, build, operate and maintain our global power systems, our telecommunications networks and computing infrastructure, and develop electronic systems essential to industry, health and entertainment.

Year 1: electronics, electrical engineering, analogue and digital circuits, maths and computing; practical labs and project work introduce design and build activities.

Year 2: topics such as digital electronics, electromagnetism, and engineering design and manufacture develop core engineering skills.

Year 3: specialist subjects in signals and communications systems, engineering innovation, and digital technology design.

Year 4: individual design project in your chosen specialism and selection of classes including multimedia systems, power electronics and robotics; year abroad for those on the MEng
International Study stream

Year 5 (MEng only): group design project to build a prototype system to showcase at the end-of-year industry exhibition; choice of advanced topics including renewable energy technologies,
digital communications and embedded systems.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H6L2

Course Length

5 years

Faculty

Faculty of Engineering

Department

Electronic and Electrical Engineering

Entry Requirements

2027 entry requirements

Standard entry:
5 Highers at AAAAB including Maths at A and Engineering Science or Physics plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

Widening access entry:
4 or 5 Highers at ABBB or BBBBB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Glasgow
Glasgow City
G1 1XN

Website

www.strath.ac.uk